

**AMENDMENTS TO THE CLAIMS**

Please amend the following claims as follows:

1. (Original) An anti-adhesion patch, comprising:  
a collagenous material; and  
at least one non-living cellular component.
2. (Original) The anti-adhesion patch of claim 1, wherein said collagenous material is collagen type I or a combination of collagen type I and a co-component.
3. (Original) The anti-adhesion patch of claim 2, wherein said co-component is selected from the group consisting of elastin, interstitial collagens, collagen type III, V and IX, glycoproteins and proteoglycans.
4. (Original) The anti-adhesion patch of claim 1, wherein said collagenous material is from a natural source or a recombinant source.
5. (Original) The anti-adhesion patch of claim 1, wherein said non-living cellular component is from a natural source or a recombinant source.
6. (Original) The anti-adhesion patch of claim 5, wherein said non-living cellular component from a natural source is human connective tissue cell.
7. (Original) The anti-adhesion patch of claim 6, wherein said human connective tissue cell is a fibroblast cell or a vascular smooth muscle cell.
8. (Original) The anti-adhesion patch of claim 7, wherein said fibroblast cell is a dermal fibroblast cell.

9. (Original) The anti-adhesion patch of claim 5, wherein said non-living cellular component from a recombinant source is an engineered cell.

10-24. (Cancelled)

25. (Currently amended) A method for preventing tissue adhesions between organs and other tissues being operated upon during surgical procedures, comprising the step of:

attaching an anti-adhesion patch to one of the surfaces of the tissues being operated upon, wherein said anti-adhesion patch comprises a collagenous material and at least one non-living cellular component, wherein said anti-adhesion patch is biodegradable and participates in formation of adhesion thereby preventing tissue adhesions between organs and other tissues being operated upon and is biodegradable during the recovery.

26. (Cancelled)

27. (Original) The method of claim 25, wherein said anti-adhesion patch is attached to the traumatized tissues using a tissue glue.

28. (Currently amended) The method of claim 27, wherein said tissue glue is a fibrin tissue glue or another type of biocompatible bio-adhesive.

29. (Original) The method of claim 28, wherein said another type of bio-adhesive is Nitinol Coupler.

30. (New) The method of claim 25, wherein the surgical procedures occur at an anatomical location selected from a group consisting of thoracic cavity, abdominal cavity, ophthalmic system, orthopedic system, central nervous system, reproductive tract and an oral cavity.

31. (New) A method for enhancing wound healing and tissue repairing, the method comprising the steps of:

attaching an anti-adhesion patch to one of the surfaces of the wounded tissue; and  
packing a soft or connective tissue wound;

wherein said anti-adhesion patch comprises a collagenous material and at least one non-living cellular component, wherein said anti-adhesion patch is vascularized and populated by wound healing cells in such a way as to participate in tissue augmentation and remodeling thereby enhancing wound healing and tissue repair.

32. (New) The method of claim 31, wherein said anti-adhesion patch is attached to the wounded tissue using a tissue glue

33. (New) The method of claim 32, wherein said tissue glue is a fibrin tissue glue or another type of biocompatible bio-adhesive.

34. (New) The method of claim 33, wherein said another type of bio-adhesive is Nitinol Coupler.